CLAIMS

We claim:

1. A body shaping machine comprising:

a base;

a support frame mounted on said base;

an action mechanism mounted on said support frame and comprising two action members; and

a massaging belt fastened at two ends thereof with said two action members of said action mechanism;

wherein said action mechanism comprises:

two deceleration devices, each comprising an output shaft and a crank mounted on said output shaft such that the two cranks of said two deceleration devices are mounted in reverse;

a driving source mounted between said two deceleration devices; and

two displacement devices for changing rotary motions of said two cranks into reciprocating linear motions opposite in direction, thereby enabling said two action members to bring about linear displacement motions opposite in direction.

2. The body shaping machine as defined in claim 1, wherein said two displacement devices comprises:

a support frame;

a slidable block provided with a drive slot for engaging with said crank such that the rotary motion of said crank is changed by said slidable block into the reciprocating linear motion, said slidable block further provided with a locating hole whereby said slidable block is fastened with one end of said massaging belt by one of said two action members; and

a guide rod fastened with said support frame is such a way that said guide rod is confined in said locating hole of said slidable block.

3. The body shaping machine as defined in claim 1, wherein said massaging belt is provided with a plurality of massaging rollers fastened therewith.

4. The body shaping machine as defined in claim 1, wherein the two ends of said massaging belt are respectively fastened with said two action members of said action mechanism by a retaining piece.

5. The body shaping machine as defined in claim 4, wherein each of the two ends of said massaging belt is detachably fastened with one of said two action members of said action mechanism by said retaining piece.